Manitoba
Agriculture

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MANITOBA REGIONAL Corn PERFORMANCE TESTS • 1990

A Report on Tests of Commercial Hybrids
Sponsored by The Manitoba Corn Committee

MG-11786 (REV. 90)

MANITOBA REGIONAL

CORN PERFORMANCE TESTS

1990

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INTRODUCTION

The information contained in this report is based on 1990 field trials. The Registration and Recommendation tests for both grain and silage hybrids were located at Brandon, Bagot, Graysville and Morden. Rainfall at critical periods of growth resulted in uniform tests at Brandon, Graysville and Morden. Variability at Bagot resulted in the data not being used for support of registration and recommendation. The season remained frost-free till after harvest at all three locations. A minimum of damage due to corn borer was experienced.

S. Plett, Chairman,
Manitoba Corn Committee.

WEATHER INFORMATION

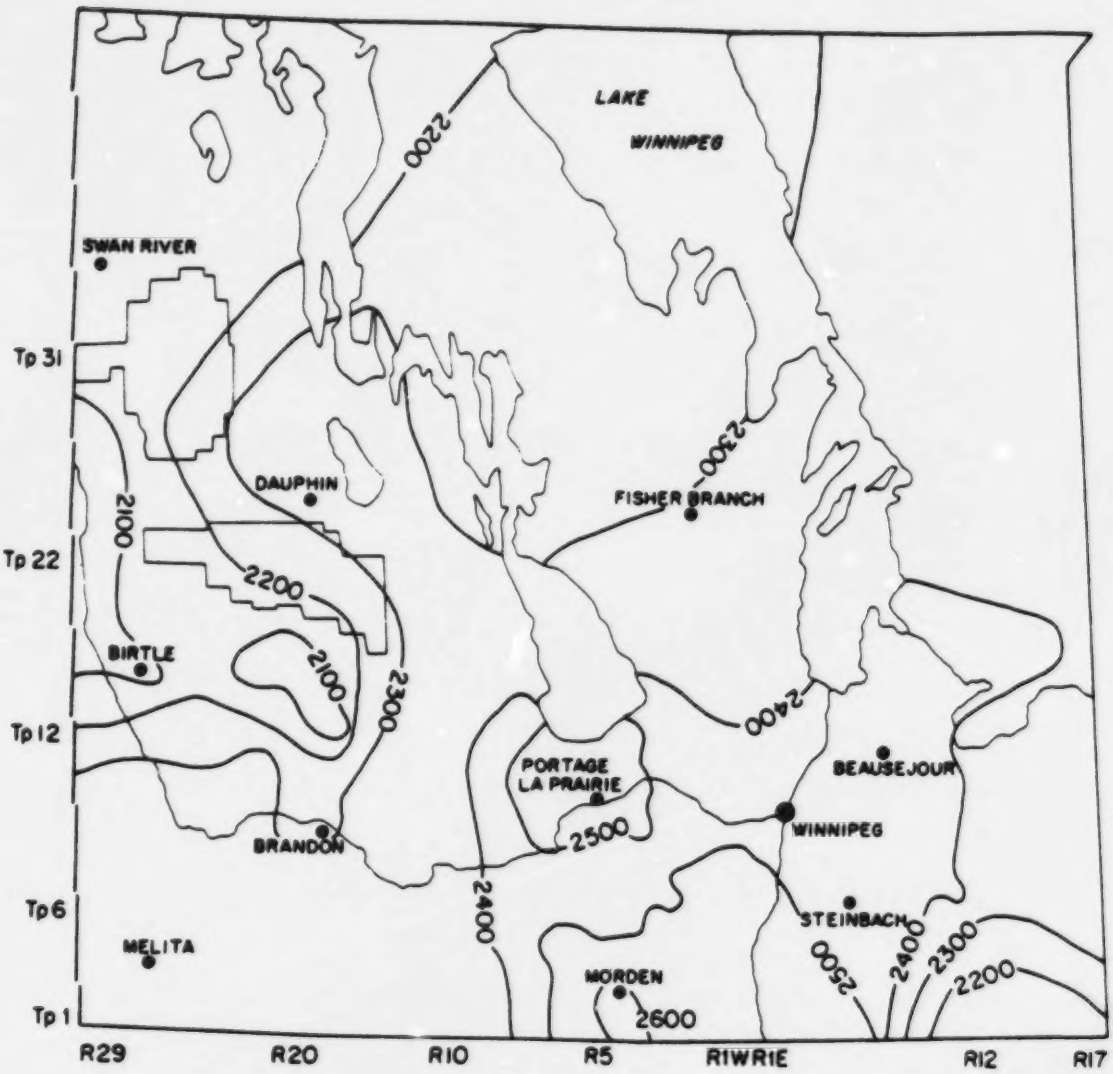
	Brandon		Morden		Portage	
	1990	1951-80 (average)	1990	1951-80 (average)	1990	1951-80 (average)
Temperature (C)						
May	10.9	10.8	11.2	11.9	10.2	10.8
June	17.8	15.9	17.9	17.4	18.0	16.8
July	18.5	19.0	19.6	20.2	19.2	19.6
August	19.0	17.6	20.3	19.0	19.9	18.4
September	13.5	12.9	15.1	13.1	14.0	12.4
Precipitation (mm)						
May	86.0	47.4	43.6	66.3	42.7	31.0
June	74.0	79.1	185.4	75.8	133.6	81.0
July	51.0	73.0	42.4	73.2	53.6	77.4
August	124.0	64.5	47.0	71.1	42.6	80.0
September	30.0	45.5	17.0	51.9	19.2	52.0

Corn Heat Units from planting to first fall frost (or to harvest)

	1990	1951-80 (average)
Brandon	2471	2285
Morden	2875	2627
Portage	2709	-

Note: Weather data was not available for the Graysville site.

CORN HEAT UNIT MAP FOR MANITOBA



1991 RECOMMENDED LIST
GRAIN CORN

*Corn Hybrid Descriptions -- Grain

Heat Unit Rating	Hybrid	Company	Hybrid[1] Type	Days To Silk	Stalk Breakage (%)	Root Lodging (%)	Grain[2] Density (% of chks)	Grain Moisture (%)	Grain[3] (% of chks)
2050	Pride K020	King Agro	3W	70	4.9	0.6	105	18.7	86
2100	2488	Pickseed	3W	71	5.7	0.5	99	20.8	91
2150	3995	Pioneer	3W	70	4.5	0.6	101	22.3	97
	DK 233	Dekalb	SC	71	3.5	0.0	103	23.4	97
	Pride K730	King Agro	3W	75	2.2	0.2	103	22.0	94
	LG3	Hyland	3W	72	2.1	1.3	99	24.7	96
	2435	Pickseed	3W	73	4.6	3.2	102	21.5	90
	1027*	Cargill	3W	72	2.2	0.0	103	20.7	90
2200	WO565	NK	3W	75	1.7	0.0	99	22.6	105
	Co-op 2350	United Co-op	OC	75	3.2	0.1	101	22.4	98
	DK235	Dekalb	OC	76	1.3	0.4	99	23.7	106
	GH017	Funks	3W	75	1.8	0.6	100	23.8	98
	HL3282	Hyland	3W	75	2.0	0.0	96	25.9	106
	Pride K030*	King Agro		72	1.2	0.3	99	23.8	105
2250	Co-op 6312	United Co-ops	3W	76	3.4	0.0	100	24.3	104
	DK246	Dekalb	3W	75	6.5	0.5	99	21.9	101
	G4067	Funks	3W	74	2.5	0.1	94	25.6	102
	2477	Pickseed	3W	73	2.3	0.0	100	26.5	101
	3954	Pioneer	SC	75	1.0	0.6	98	25.4	119
	3969	Pioneer	SC	74	3.2	0.8	98	24.0	108
	3979	Pioneer	SC	74	0.8	0.2	97	23.9	115
	3967	Pioneer	SC	75	0.0	0.3	100	23.7	123
	PX 9028	NK	3W	77	1.3	0.4	100	23.6	92
	HL3195*	Hyland	3W	74	0.2	0.0	101	23.5	107
2300**	Co-op 2325	United Co-ops	SC	77	2.9	0.1	99	23.9	105
2350**	Pride 1111	King Agro	SC	76	5.2	0.0	96	25.9	107
	3953	Pioneer	SC	75	0.4	0.0	93	27.0	111

* On the recommended list for the first time

** Crop Insurance not available

1 SC = Single Cross; 3W = 3 way cross; MSC - Modified single cross; OC- Other cross

2 Mean grain density (Checks) = 717 kg/m^3 (57.5 lb/bu)

3 Mean grain yield (Checks) = 4.92T/ha (78.4 bu/ac) checks: 3995, K730, LG3, G4017, 3979

1991 RECOMMENDED LIST

SILAGE CORN

HYBRID	COMPANY	HYBRID TYPE[1]	DAYS TO SILK	ROOT LODGING %	SILAGE YIELD[2] (% of mean)	PLANT MOISTURE (%)
DK246	Dekalb	3W	71	0.3	84	57.5
HL3182	Hyland	3W	71	1.3	88	60.1
3969*	Pioneer	SC	71	0.0	98	60.9
DK233	Dekalb	SC	68	0.3	76	61.2
N0565*	NK	3W	71	0.5	99	61.5
Co-op 2325	United Co-ops	SC	74	1.0	100	61.7
3902	Pioneer	SC	72	1.9	107	61.9
Co-op 2350	United Co-ops	OC	71	1.0	88	62.6
Pride 1111	King Agro	SC	73	0.0	98	62.9
3957	Pioneer	SC	75	0.0	106	63.1
Pride K730	King Agro	3W	72	1.5	93	63.3
3954*	Pioneer	SC	71	1.7	108	63.5
T778	Dekalb	MSC	74	1.8	108	64.0
Co-op 6312	United Co-ops	3W	73	0.2	98	64.1
HL3251	Hyland	3W	71	3.5	92	64.2
DK235*	Dekalb	OC	71	1.8	99	64.3
N1110	NK	3W	73	1.0	103	64.6
3929	Pioneer	SC	72	3.8	103	64.8
G4066	Funks	MSC	73	0.0	98	65.2
3851	Pioneer	MSC	74	0.8	105	65.5
PX9060	NK	SC	74	0.3	98	65.6
HL2260	Hyland	SC	75	0.6	105	65.7
3979	Pioneer	SC	71	0.6	98	65.9
1927	Cargill	SC	77	0.3	105	66.0
3953	Pioneer	SC	73	1.1	101	66.2
PX9028	NK	3W	73	0.2	91	66.6
Pride K1115	King Agro	MSC	74	0.7	92	67.3
SX108	Cargill	SC	77	0.3	104	67.9
HL2275	Hyland	SC	77	0.3	112	68.0
HG2428	Hyland	SC	78	2.3	108	68.3
G4018	Funks	SC	79	0.8	116	70.8

* On recommended list for first time

1 SC = Single cross; 3W = 3 way cross; MSC = Modified single cross; OC = Other cross

2 Mean Silage dry matter yield = 12.1 t/ha (5.4 tons/ac)

MCC Grain Corn Recommendation Summary

1987-Brandon, Morden 1988-Graysville 1989-Bagot, Brandon, Morden
1990-Brandon, Graysville, Bagot

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX	CHU
FUNK G4017	75	1.8	0.6	48.5	719	23.8	4.83	20.3	2288
PIONEER 3979	74	0.8	0.2	48.9	692	23.9	5.68	23.7	2263
PIONEER 3995	70	4.5	0.6	49.2	725	22.3	4.75	21.3	2151
PRIDE K730	75	2.2	0.2	47.9	739	22.0	4.63	21.0	2259
THOMPSON LG3	72	2.1	1.3	47.6	711	24.7	4.73	19.1	2231
MEANS OF CHECKS	73	2.3	0.6	48.4	717	23.4	4.92	21.1	2238
CARGILL 150	68	3.2	0.2	48.1	737	20.4	4.02	19.7	2066
CARGILL 810324	69	7.6	0.3	49.0	718	21.1	4.65	22.0	2110
CARGILL 85307	73	4.1	1.3	48.3	718	21.1	4.74	22.5	2199
CARGILL MBX010	72	2.2	0.0	48.9	741	20.7	4.44	21.4	2162
DEKALB DK233	71	3.5	0.0	47.8	736	23.4	4.79	20.5	2202
DEKALB DK235	76	1.3	0.4	48.9	707	23.7	5.21	22.0	2300
DEKALB DK246	75	6.5	0.5	47.2	711	21.9	4.95	22.6	2246
FUNK 0122X	73	2.3	1.3	47.7	705	23.0	5.12	22.2	2222
FUNK 0123X	73	1.2	0.2	48.3	692	22.7	5.22	23.0	2219
FUNK 0124X	67	2.5	0.1	48.4	717	19.0	4.18	21.9	2021
FUNK 0125X	73	2.8	0.0	49.0	744	20.4	4.65	22.8	2169
FUNK 0126X	71	0.9	0.0	48.4	736	20.7	4.59	22.2	2130
FUNK G4067	74	2.5	0.1	48.5	676	25.6	5.02	19.6	2305
JACQUES MBX013	72	2.9	0.3	48.8	691	20.5	5.10	24.9	2155
NORTHRUP KING N0565	75	1.7	0.0	48.9	708	22.6	5.14	22.7	2264
NORTHRUP KING PX9028	77	1.3	0.4	48.4	718	23.6	4.51	19.1	2326
PAYCO 1826	75	1.3	0.4	49.0	681	26.5	5.64	21.3	2337
PICKSEED 2435	73	4.6	3.2	48.9	730	21.5	4.43	20.7	2193
PICKSEED 2444	76	0.3	0.0	48.0	680	28.1	5.18	18.4	2404
PICKSEED 2477	73	2.3	0.0	48.3	713	26.5	4.96	18.7	2294
PICKSEED 2488	71	5.7	0.5	49.0	708	20.8	4.49	21.6	2135
PICKSEED 2600	77	0.0	0.0	49.0	673	30.6	5.72	18.7	2464
PIONEER 3929	77	1.1	1.6	49.5	681	29.7	5.24	17.6	2442
PIONEER 3953	75	0.4	0.0	49.1	664	27.0	5.45	20.2	2359
PIONEER 3954	75	1.0	0.6	49.2	700	25.4	5.84	23.0	2311
PIONEER 3969	74	3.2	0.8	49.3	704	24.0	5.30	22.0	2281
PRIDE 1111	76	5.2	0.0	49.3	685	25.9	5.25	20.3	2353
PRIDE 7-8507	74	2.4	0.0	48.9	719	24.3	5.11	21.0	2280
PRIDE K020	70	4.9	0.6	48.0	749	18.7	4.24	22.7	2084
PRIDE K030	72	1.2	0.3	49.5	710	23.8	5.17	21.7	2227
THOMPSON HL 3282	75	2.0	0.0	48.3	685	25.9	5.23	20.2	2328
THOMPSON HL 8801	75	0.2	0.0	49.6	735	22.3	4.85	21.8	2252
THOMPSON HL 8802	74	0.2	0.0	49.2	722	23.5	5.26	22.4	2256
U.CO-OP 2325	77	2.9	0.1	45.8	710	23.9	5.14	21.6	2326
U.CO-OP 2350	75	3.2	0.1	48.0	726	22.4	4.84	21.6	2264
U.CO-OP 6312	76	3.4	0.0	49.0	716	24.3	5.10	21.0	2312
U.CO-OP OX783	74	1.7	0.0	49.1	710	25.0	5.02	20.1	2285
UofM C87-7	73	1.3	0.0	49.9	714	22.3	5.03	22.6	2216
MEAN	73	2.8	0.4	48.5	711	23.3	4.94	21.2	2242

MCC Silage Corn Recommendation Summary

1987-Brandon, Morden, Ridgeville 1988-Brandon, Morden
1989-Brandon, Morden 1990-Brandon, Morden

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
CARGILL 1927	77	0.0	0.3	52.3	66.0	12.7	19.3
CARGILL 2037	77	0.0	-99.0	49.9	69.3	13.9	20.0
CARGILL SX108	77	0.7	0.3	50.0	67.9	12.6	18.6
DEKALB DK233	68	2.8	0.3	49.5	61.2	9.2	15.1
DEKALB DK235	71	1.4	1.8	49.2	64.3	12.0	18.6
DEKALB DK246	71	1.9	0.3	48.2	57.5	10.1	17.6
DEKALB DK331	76	0.0	-99.0	50.2	66.2	14.5	21.9
DEKALB T778	74	0.4	1.8	47.7	64.0	13.1	20.5
DEKALB XL6	78	0.0	0.0	49.1	69.0	11.4	16.5
FUNK G4018	79	0.6	0.8	49.4	70.8	14.0	19.8
FUNK G4066	73	0.3	0.0	49.9	65.2	11.8	18.0
NORTHRUP KING N0565	71	0.3	0.5	50.2	61.5	12.0	19.5
NORTHRUP KING N1110	73	0.6	1.0	49.4	64.6	12.5	19.4
NORTHRUP KING N2001	76	0.0	-99.0	49.9	68.6	15.4	22.4
NORTHRUP KING PX9028	73	1.5	0.2	48.6	66.6	11.0	16.5
NORTHRUP KING PX9060	74	0.2	0.3	49.1	65.6	11.9	18.1
PAYCO 1826	71	0.0	0.0	50.4	61.4	11.5	18.7
PICKSEED 2600	73	0.0	-99.0	50.5	68.8	14.7	21.4
PICKSEED 2602	72	0.0	-99.0	44.5	65.7	12.2	18.5
PICKSEED 2606	74	0.0	-99.0	48.7	70.7	13.2	18.7
PIONEER 3851	74	0.5	0.8	50.6	65.5	12.7	19.4
PIONEER 3902	72	0.3	1.9	50.6	61.9	12.9	20.8
PIONEER 3921	73	0.0	-99.0	50.7	64.8	15.5	23.9
PIONEER 3929	72	0.0	3.8	49.5	64.8	12.4	19.2
PIONEER 3953	73	0.3	1.1	51.2	66.2	12.2	18.5
PIONEER 3954	71	0.0	1.7	49.9	63.5	13.1	20.7
PIONEER 3957	75	2.1	0.0	50.0	63.1	12.8	20.3
PIONEER 3969	71	1.8	0.0	50.8	60.9	11.9	19.5
PIONEER 3979	71	0.8	0.6	50.0	65.9	11.9	18.1
PRIDE 1111	73	1.0	0.0	50.0	62.9	11.9	18.9
PRIDE K030	68	0.0	-99.0	49.6	63.7	10.7	16.9
PRIDE K1114	71	1.7	-99.0	48.8	63.5	12.7	19.9
PRIDE K1115	74	0.6	0.7	49.3	67.3	11.1	16.6
PRIDE K148	72	0.0	-99.0	49.9	63.3	13.1	20.8
PRIDE K730	72	3.0	1.5	49.7	63.3	11.2	17.6
THOMPSON HL 2260	75	1.0	0.6	50.2	65.7	12.7	19.3
THOMPSON HL 2275	77	0.0	0.3	50.1	68.0	13.5	19.9
THOMPSON HL 2428	78	2.2	2.3	48.8	68.3	13.1	19.2
THOMPSON HL 3251	71	2.4	3.5	49.7	64.2	11.1	17.3
THOMPSON HL 3282	71	1.4	1.3	48.0	60.7	10.6	17.5
U.CO-OP 2325	74	2.7	1.0	48.8	61.7	12.1	19.6
U.CO-OP 2350	71	2.5	1.0	49.7	62.6	10.7	17.0
U.CO-OP 6312	73	2.5	0.2	49.3	64.1	11.8	18.5
U.CO-OP OX783	70	0.0	-99.0	50.2	64.3	12.0	18.7
MEAN	73	1.2	0.9	49.6	64.8	12.1	18.6

MCC Grain Corn Registration Summary

1989-Bagot, Brandon, Graysville 1990-Brandon, Graysville, Morden

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX	CHU
FUNK G4017	77	1.3	0.8	47.5	717	23.5	4.30	18.3	2313
PIONEER 3979	76	0.3	0.2	48.5	688	23.4	5.32	22.8	2292
PIONEER 3995	71	3.8	0.7	48.8	728	21.3	4.66	21.8	2151
PRIDE K730	77	1.3	0.0	46.8	739	21.8	4.28	19.7	2284
THOMPSON LG3	74	2.1	1.6	46.5	705	25.2	4.49	17.8	2283
MEANS OF CHECKS	75	1.8	0.7	47.7	715	23.0	4.61	20.0	2264
CARGILL PR-806	76	3.2	0.0	47.7	701	23.8	5.28	22.2	2305
CARGILL PR-807	77	2.8	0.5	48.4	703	25.5	5.50	21.5	2363
FUNK PAG 4703	76	0.5	0.7	47.0	678	25.0	4.91	19.6	2323
FUNK PAG 4711	76	0.4	0.0	48.3	709	24.4	4.94	20.3	2315
FUNK PAG 4786	75	0.8	0.0	47.7	725	22.3	5.19	23.3	2260
LETHBRIDGE LX181	71	1.3	0.1	46.1	737	18.9	3.96	20.9	2087
PAYCO 6107	75	0.7	0.0	48.7	674	27.5	5.28	19.1	2367
PICKSEED 52-207	76	0.4	0.0	48.2	750	19.4	4.32	22.2	2212
PICKSEED 72-14	74	0.2	0.0	48.5	721	20.7	5.10	24.6	2201
PICKSEED 72-18	76	0.1	0.0	46.2	707	24.7	4.83	19.6	2318
PIONEER 138730	77	0.2	0.1	48.2	676	24.2	5.48	22.6	2330
PIONEER X9C11	75	0.0	0.3	48.9	713	23.7	5.65	23.8	2281
UofM C88-12	75	1.6	1.0	49.2	725	22.5	4.47	19.9	2265
MEAN	75	0.8	0.2	48.1	711	24.0	4.78	20.0	2294

MCC Grain Corn Trials -1990-

Mean of 4 sites: Bagot, Brandon, Graysville, Morden

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	76	0.8	0.0	49.7	7 7	21.9	5.02	23.0
PIONEER 3979	75	0.3	0.0	50.0	690	22.4	5.77	25.8
PIONEER 3995	71	1.5	0.0	50.4	724	20.6	4.96	24.1
PRIDE K730	77	1.2	0.0	47.6	728	21.8	4.54	20.8
THOMPSON LG3	74	0.7	0.0	47.3	704	23.8	4.90	20.6
MEANS OF CHECKS	75	0.9	0.0	49.0	712	22.1	5.04	22.8
CARGILL 150	70	0.4	0.5	48.3	730	19.7	4.19	21.3
CARGILL 810324	70	3.6	0.0	50.4	705	20.0	4.86	24.3
CARGILL 85307	76	2.6	0.0	48.9	710	19.8	4.67	23.6
CARGILL MBX010	74	3.5	0.0	50.3	725	19.2	4.44	23.2
CARGILL PR-806	77	1.8	0.1	49.5	696	22.8	5.48	24.0
CARGILL PR-807	77	1.1	0.1	49.7	699	25.4	6.00	23.7
CARGILL PR-906	77	0.9	0.0	50.4	700	29.1	5.28	18.1
DEKALB C0756	75	3.6	0.0	50.4	729	21.3	5.20	24.4
DEKALB C0765	74	0.8	0.0	49.8	708	23.0	5.82	25.3
DEKALB DK233	74	1.4	0.0	48.8	739	22.6	4.59	20.3
DEKALB DK235	78	0.4	0.2	51.0	701	21.9	5.28	24.1
DEKALB DK246	77	0.9	0.0	49.5	712	20.3	4.90	24.1
FUNK 0122X	75	0.3	0.0	46.9	703	21.9	4.94	22.6
FUNK 0123X	74	0.5	0.0	49.3	691	20.1	5.06	25.2
FUNK 0124X	69	0.3	0.0	49.0	712	17.4	4.49	25.8
FUNK 0125X	75	1.6	0.0	50.8	732	19.7	4.66	23.6
FUNK 0126X	72	0.1	0.0	50.3	730	19.6	4.62	23.6
FUNK G4067	77	0.9	0.0	50.6	669	23.8	5.22	21.9
FUNK PAG 0095X	79	0.3	0.0	50.0	684	25.1	5.43	21.6
FUNK PAG 4703	76	0.0	0.0	49.0	678	24.2	5.01	20.7
FUNK PAG 4711	76	0.1	0.0	50.2	715	22.9	5.37	23.4
FUNK PAG 4786	76	0.0	0.0	49.3	729	21.3	5.50	25.9
FUNK PAG 5408	73	0.3	0.0	49.3	733	21.9	5.21	23.8
FUNK PAG 5428	78	0.6	0.0	48.6	667	28.6	5.60	19.5
FUNK PAG 5430	74	0.5	0.0	49.5	734	23.6	4.89	20.8
JACQUES MBX013	74	0.9	0.1	49.9	684	19.7	5.50	28.0
LETHBRIDGE LX181	70	0.6	0.0	50.0	731	18.5	4.28	23.1
LETHBRIDGE LX189	73	0.2	0.0	49.2	740	18.1	4.57	25.2
LETHBRIDGE LX196	72	0.5	0.0	48.8	737	18.5	4.48	24.2
LETHBRIDGE LX203	73	1.3	0.0	49.1	725	18.7	4.49	24.0
LETHBRIDGE LX208	70	1.1	0.0	50.4	726	16.5	4.69	28.3
LETHBRIDGE LX210	69	0.6	0.0	50.0	727	18.6	4.00	21.5
MBX870106	73	1.0	0.0	49.5	708	23.4	4.66	19.9
NORTHRUP KING C010	76	0.7	0.0	50.0	694	25.7	5.33	20.7
NORTHRUP KING C020	76	0.4	0.0	50.2	694	24.3	5.92	24.3
NORTHRUP KING N0565	77	0.8	0.0	51.0	695	21.1	5.36	25.5
NORTHRUP KING PX9028	79	0.6	0.1	49.8	715	22.8	4.70	20.6
OTTAWA OX948	77	0.8	0.0	44.7	660	28.1	4.50	16.0
OTTAWA OX949	75	0.8	0.0	42.3	705	20.4	4.20	20.6
OTTAWA OX950	77	1.1	0.1	50.0	697	24.9	5.43	21.8
OTTAWA OX951	72	0.5	0.0	50.0	713	21.8	4.73	21.7
OTTAWA OX952	73	0.5	0.1	50.2	720	20.5	4.64	22.6

PAYCO 1826	77	0.3	0.0	50.3	685	24.4	5.67	23.3
PAYCO 6107	76	0.5	0.0	50.6	677	26.1	5.55	21.3
PICKSEED 2435	75	2.2	0.0	50.3	724	20.1	4.76	23.7
PICKSEED 2444	78	0.4	0.2	48.5	682	25.0	5.04	20.1
PICKSEED 2477	75	0.1	0.1	48.7	713	25.3	4.80	19.0
PICKSEED 2488	73	1.0	0.0	50.8	701	21.7	4.93	22.7
PICKSEED 2600	78	0.7	0.1	49.5	677	27.0	5.78	21.4
PICKSEED 52-207	77	0.7	0.0	50.9	740	18.6	4.73	25.4
PICKSEED 72-14	74	0.2	0.0	50.0	716	19.9	5.10	25.6
PICKSEED 72-18	77	0.1	0.0	44.8	692	25.5	4.91	19.2
PICKSEED 72-7	75	1.2	0.0	49.5	683	25.4	5.38	21.1
PICKSEED 72-75	79	0.1	0.0	49.6	681	27.6	5.06	18.3
PICKSEED 82-203	77	0.3	0.1	49.9	743	20.3	4.87	24.0
PICKSEED 89-1001	78	0.0	0.2	50.2	667	26.1	5.79	22.2
PIONEER 138730	77	0.0	0.0	49.0	680	23.2	5.38	23.2
PIONEER 138745	74	0.6	0.0	49.3	727	21.2	5.21	24.6
PIONEER 165780	77	0.3	0.0	49.7	690	28.4	5.34	18.8
PIONEER 165781	75	0.8	0.0	50.4	708	25.7	5.36	20.9
PIONEER 167034	77	0.6	0.0	49.9	692	26.5	5.78	21.8
PIONEER 3929	79	0.6	0.5	50.6	683	28.4	5.20	18.3
PIONEER 3953	77	0.3	0.0	51.0	669	24.5	5.72	23.3
PIONEER 3954	76	0.3	0.0	50.1	693	24.1	5.82	24.1
PIONEER 3969	77	0.4	0.0	50.3	704	22.4	5.68	25.4
PIONEER X9C11	75	0.0	0.0	50.0	710	23.9	6.18	25.9
PIONEER XCPC78	75	0.3	0.0	49.3	682	24.4	5.84	24.0
PIONEER YC012	76	0.0	0.0	50.0	693	26.3	6.32	24.0
PRIDE 1111	77	1.1	0.0	50.4	689	25.0	5.49	22.0
PRIDE 7-8507	75	0.4	0.0	49.7	717	21.9	5.32	24.3
PRIDE 9-2655	75	0.0	0.0	50.0	713	23.5	5.16	22.0
PRIDE 9-2660	74	0.9	0.0	50.2	718	21.9	5.29	24.2
PRIDE K020	72	0.6	0.0	48.6	741	16.9	4.57	27.0
PRIDE K030	74	0.5	0.0	50.3	712	21.9	5.28	24.1
SUN VALLEY SV7	77	0.5	0.0	49.9	704	25.8	5.29	20.5
SUN VALLEY SV8	77	1.0	0.0	49.2	668	25.8	5.04	19.6
THOMPSON HL 3282	78	0.7	0.0	48.6	682	24.1	5.20	21.6
THOMPSON HL 8801	77	0.1	0.0	50.6	731	22.3	4.48	20.1
THOMPSON HL 8802	77	0.0	0.0	49.9	715	22.1	5.22	23.6
THOMPSON HL 901	77	0.3	0.0	50.4	723	22.8	4.93	21.7
THOMPSON HL 902	75	0.5	0.0	50.4	728	22.5	4.67	20.8
U.CO-OP 2325	79	0.5	0.0	43.9	705	22.6	4.76	21.1
U.CO-OP 2350	77	0.3	0.0	49.9	737	21.0	5.38	25.6
U.CO-OP 6312	78	1.8	0.1	50.2	714	22.7	5.31	23.4
U.CO-OP OX783	76	1.3	0.0	49.9	704	24.1	5.34	22.2
UofM C87-7	75	1.4	0.0	50.9	698	22.0	4.67	21.2
UofM C88-1	76	0.3	0.0	51.3	706	20.7	4.90	23.6
UofM C88-12	76	2.3	0.0	50.6	734	20.0	4.38	21.9
UofM C88-28	76	0.1	0.0	50.4	698	21.4	5.29	24.8
UofM C88-29	76	0.3	0.0	49.7	717	21.1	4.98	23.6
UofM C88-30	77	0.1	0.0	50.5	682	23.0	5.18	22.5
UofM C89-1	74	1.5	0.1	50.4	692	22.1	4.94	22.4
UofM C89-2	74	1.3	0.1	50.2	721	21.5	4.53	21.0
MEAN	75	0.8	0.0	49.6	706	22.6	5.09	22.5

Manitoba Grain Corn Test #1 Bagot -1990-

Date seeded: May 14, 1990
Date harvested: October 4, 1990 Plot size: 9.0m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	-99	2.0	0.3	-99.0	678	25.2	5.86	23.3
PIONEER 3979	-99	0.3	0.0	-99.0	662	23.4	6.18	26.4
PIONEER 3995	-99	3.7	0.0	-99.0	685	20.6	5.15	25.1
PRIDE K730	-99	2.7	0.0	-99.0	680	27.2	4.86	17.9
THOMPSON LG3	-99	0.7	0.0	-99.0	687	21.3	5.11	24.0
MEANS OF CHECKS	-99	1.9	0.1	-99.0	678	23.5	5.43	23.1
CARGILL 150	-99	1.7	0.0	-99.0	686	21.3	3.78	17.8
CARGILL 810324	-99	4.0	0.0	-99.0	670	21.0	5.30	25.2
CARGILL 85307	-99	4.0	0.0	-99.0	697	19.3	5.16	26.7
CARGILL MBX010	-99	2.3	0.0	-99.0	680	18.9	5.27	27.8
DEKALB DK233	-99	1.3	0.0	-99.0	707	25.0	3.62	14.5
DEKALB DK235	-99	0.7	0.7	-99.0	671	20.0	5.56	27.8
DEKALB DK246	-99	1.7	0.0	-99.0	678	21.6	5.18	24.0
FUNK 0122X	-99	1.0	0.0	-99.0	675	22.2	4.69	21.1
FUNK 0123X	-99	1.0	0.0	-99.0	662	22.9	5.09	22.3
FUNK 0124X	-99	1.0	0.0	-99.0	690	19.8	4.77	24.1
FUNK 0125X	-99	0.0	0.0	-99.0	698	21.4	5.14	24.0
FUNK 0126X	-99	0.3	0.0	-99.0	690	21.3	4.33	20.3
FUNK G4067	-99	1.3	0.0	-99.0	657	23.9	5.70	23.8
JACQUES MBX013	-99	0.7	0.3	-99.0	659	19.2	5.88	30.6
NORTHRUP KING N0565	-99	2.0	0.0	-99.0	689	19.6	6.48	33.1
NORTHRUP KING PX9028	-99	1.3	0.3	-99.0	681	21.9	5.87	26.8
PAYCO 1826	-99	1.3	0.0	-99.0	687	20.3	6.52	32.2
PICKSEED 2435	-99	3.7	0.0	-99.0	689	22.1	5.50	24.9
PICKSEED 2444	-99	0.7	0.7	-99.0	670	21.6	4.57	21.2
PICKSEED 2477	-99	0.3	0.3	-99.0	690	23.4	4.46	19.0
PICKSEED 2488	-99	1.0	0.0	-99.0	690	28.7	4.64	16.1
PICKSEED 2600	-99	2.7	0.3	-99.0	667	22.4	6.00	26.8
PIONEER 3929	-99	0.0	0.0	-99.0	672	23.4	6.51	27.8
PIONEER 3953	-99	0.3	0.0	-99.0	656	24.4	6.25	25.7
PIONEER 3954	-99	1.3	0.0	-99.0	663	22.6	6.34	28.1
PIONEER 3969	-99	1.7	0.0	-99.0	678	21.4	5.72	26.8
PRIDE 1111	-99	0.0	0.0	-99.0	683	23.1	5.61	24.3
PRIDE 7-8507	-99	0.7	0.0	-99.0	693	20.2	6.08	30.2
PRIDE K020	-99	1.7	0.0	-99.0	715	18.3	5.37	29.4
PRIDE K030	-99	0.7	0.0	-99.0	691	21.0	5.04	24.0
THOMPSON HL 3282	-99	1.7	0.0	-99.0	657	23.0	5.41	23.6
MEAN	-99	1.4	0.1	-99.0	680	22.0	5.36	24.4
C.V.						16.2	15.69	
LSD						5.7	1.35	

Manitoba Grain Corn Test #2 Bagot -1990-

Date seeded: May 14, 1990
Date harvested: October 4, 1990 Plot size: 9.0m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	-99	1.3	0.0	-99.0	677	21.0	4.78	22.8
PIONEER 3979	-99	1.7	0.0	-99.0	665	22.8	5.44	23.8
PIONEER 3995	-99	1.3	0.0	-99.0	697	20.9	5.14	24.6
PRIDE K730	-99	0.0	0.0	-99.0	689	21.0	4.36	20.8
THOMPSON LG3	-99	1.3	0.0	-99.0	681	27.1	4.87	18.0
MEANS OF CHECKS	-99	1.1	0.0	-99.0	682	22.6	4.92	21.8
CARGILL PR-806	-99	4.0	0.3	-99.0	661	21.2	5.56	26.3
CARGILL PR-807	-99	2.3	0.3	-99.0	670	23.3	6.46	27.8
CARGILL PR-906	-99	1.3	0.0	-99.0	676	27.0	5.48	20.3
DEKALB C0756	-99	2.3	0.0	-99.0	684	22.0	5.15	23.4
DEKALB C0765	-99	1.3	0.0	-99.0	671	23.3	5.41	23.2
FUNK PAG 0095X	-99	1.3	0.0	-99.0	637	22.5	5.73	25.4
FUNK PAG 4703	-99	0.0	0.0	-99.0	667	24.2	4.56	18.9
FUNK PAG 4711	-99	0.3	0.0	-99.0	693	22.2	5.22	23.5
FUNK PAG 4786	-99	0.0	0.0	-99.0	690	22.2	5.04	22.7
FUNK PAG 5408	-99	1.0	0.0	-99.0	675	22.4	4.61	20.6
FUNK PAG 5428	-99	1.3	0.0	-99.0	645	26.5	5.04	19.0
FUNK PAG 5430	-99	1.0	0.0	-99.0	690	22.7	4.91	21.6
PICKSEED 52-207	-99	1.7	0.0	-99.0	689	20.1	5.19	25.8
PICKSEED 72-14	-99	0.7	0.0	-99.0	683	19.5	4.88	25.0
PICKSEED 72-18	-99	0.3	0.0	-99.0	685	20.8	4.79	23.1
PICKSEED 72-7	-99	1.7	0.0	-99.0	669	21.5	5.18	24.1
PICKSEED 72-75	-99	0.3	0.0	-99.0	639	25.7	5.41	21.0
PICKSEED 82-203	-99	1.3	0.3	-99.0	699	20.2	5.19	25.7
PICKSEED 89-1001	-99	0.0	0.7	-99.0	635	24.1	5.44	22.6
PIONEER 138730	-99	0.0	0.0	-99.0	655	23.7	4.53	19.1
PIONEER 138745	-99	1.7	0.0	-99.0	683	20.7	5.14	24.8
PIONEER 165780	-99	0.3	0.0	-99.0	659	26.0	6.06	23.3
PIONEER 165781	-99	2.0	0.0	-99.0	677	24.3	5.00	20.6
PIONEER 167034	-99	0.7	0.0	-99.0	655	24.2	5.84	24.1
PIONEER X9C11	-99	0.0	0.0	-99.0	665	23.9	6.14	25.7
PIONEER XCPC78	-99	1.0	0.0	-99.0	657	21.1	6.27	29.7
PIONEER YC012	-99	0.0	0.0	-99.0	660	25.3	6.34	25.0
U.CO-OP 2325	-99	0.7	0.0	-99.0	690	20.1	4.73	23.5
U.CO-OP 2350	-99	1.0	0.0	-99.0	681	20.8	5.52	26.6
U.CO-OP 6312	-99	1.3	0.3	-99.0	690	21.4	5.55	26.0
U.CO-OP OX783	-99	3.0	0.0	-99.0	653	24.3	4.83	19.9
MEAN	-99	1.1	0.1	-99.0	672	22.8	5.27	23.1
C.V.						11.0	15.79	
LSD						4.0	1.33	

Manitoba Grain Corn Test #3 Bagot -1990-

Date seeded: May 14, 1990
Date harvested: October 4, 1990 Plot size: 9.0m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	-99	0.0	0.0	-99.0	680	22.2	4.62	20.8
PIONEER 3979	-99	1.0	0.0	-99.0	660	23.5	6.59	28.0
PIONEER 3995	-99	3.0	0.0	-99.0	681	23.8	4.52	19.0
PRIDE K730	-99	0.7	0.0	-99.0	680	23.1	4.39	19.0
THOMPSON LG3	-99	1.3	0.0	-99.0	689	22.8	5.45	23.9
MEANS OF CHECKS	-99	1.2	0.0	-99.0	678	23.1	5.11	22.1
LETHBRIDGE LX181	-99	1.3	0.0	-99.0	682	21.2	3.98	18.8
LETHBRIDGE LX189	-99	0.7	0.0	-99.0	690	19.7	4.67	23.7
LETHBRIDGE LX196	-99	0.0	0.0	-99.0	691	20.3	4.63	22.8
LETHBRIDGE LX203	-99	2.3	0.0	-99.0	680	19.4	4.41	22.8
LETHBRIDGE LX210	-99	1.7	0.0	-99.0	696	21.9	3.76	17.2
MBX870106	-99	2.0	0.0	-99.0	691	24.3	4.75	19.6
NORTHRUP KING C010	-99	0.7	0.0	-99.0	688	23.5	4.46	19.0
NORTHRUP KING C020	-99	0.7	0.0	-99.0	672	21.8	5.77	26.4
OTTAWA OX948	-99	0.0	0.0	-99.0	655	24.3	3.30	13.6
OTTAWA OX949	-99	0.7	0.0	-99.0	661	19.4	4.06	21.0
OTTAWA OX950	-99	1.3	0.3	-99.0	673	22.5	6.07	26.9
OTTAWA OX951	-99	0.7	0.0	-99.0	685	21.6	4.92	22.8
OTTAWA OX952	-99	0.0	0.3	-99.0	681	21.9	4.09	18.7
PAYCO 6107	-99	2.0	0.0	-99.0	654	23.9	4.60	19.2
PRIDE 9-2655	-99	0.0	0.0	-99.0	677	25.0	5.13	20.5
PRIDE 9-2660	-99	1.7	0.0	-99.0	688	22.1	5.15	23.3
SUN VALLEY SV7	-99	1.0	0.0	-99.0	675	25.1	4.27	17.0
SUN VALLEY SV8	-99	0.7	0.0	-99.0	650	23.3	3.87	16.6
THOMPSON HL 8801	-99	0.3	0.0	-99.0	689	25.8	4.21	16.3
THOMPSON HL 8802	-99	0.0	0.0	-99.0	667	21.4	4.85	22.6
THOMPSON HL 901	-99	0.3	0.0	-99.0	689	21.5	4.94	23.0
THOMPSON HL 902	-99	1.0	0.0	-99.0	691	22.6	4.78	21.1
UofM C87-7	-99	1.3	0.0	-99.0	643	25.7	3.95	15.4
UofM C88-1	-99	0.3	0.0	-99.0	669	21.7	4.21	19.4
UofM C88-12	-99	3.0	0.0	-99.0	693	22.3	3.21	14.4
UofM C88-28	-99	0.3	0.0	-99.0	670	22.6	5.29	23.4
UofM C88-29	-99	0.0	0.0	-99.0	687	21.6	4.67	21.6
UofM C88-30	-99	0.3	0.0	-99.0	649	23.6	4.81	20.4
UofM C89-1	-99	3.0	0.3	-99.0	660	22.1	4.11	18.6
UofM C89-2	-99	0.0	0.3	-99.0	687	23.0	3.62	15.8
MEAN	-99	1.0	0.0	-99.0	676	22.6	4.60	20.4
C.V.						12.7	18.02	
LSD						4.6	1.33	

Manitoba Grain Corn Test #1 Brandon -1990-

Date seeded: May 10, 1990
Date harvested: October 4, 1990 Plot size: 5.0m x 1.5m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	79	0.0	0.0	48.0	712	24.6	4.72	19.2
PIONEER 3979	76	0.0	0.0	48.0	704	23.9	6.21	26.0
PIONEER 3995	71	0.9	0.0	48.0	725	22.6	4.99	22.1
PRIDE K730	79	0.9	0.0	48.0	739	22.8	4.04	17.7
THOMPSON LG3	74	0.0	0.0	48.0	725	24.7	5.11	20.7
MEANS OF CHECKS	76	0.4	0.0	48.0	721	23.7	5.01	21.1
CARGILL 150	70	0.0	0.0	48.0	746	21.4	4.04	18.9
CARGILL 810324	70	3.7	0.0	48.0	687	22.9	4.17	18.2
CARGILL 85307	76	0.0	0.0	48.0	697	22.4	4.99	22.3
CARGILL MBX010	74	0.9	0.0	48.0	749	21.2	3.91	18.4
DEKALB DK233	74	0.9	0.0	48.0	735	23.3	5.02	21.5
DEKALB DK235	80	0.0	0.0	48.0	703	26.0	5.25	20.2
DEKALB DK246	76	1.9	0.0	48.0	723	23.1	5.44	23.5
FUNK 0122X	75	0.0	0.0	48.0	705	23.7	5.05	21.3
FUNK 0123X	76	0.0	0.0	46.7	686	21.8	5.03	23.1
FUNK 0124X	67	0.0	0.0	48.0	719	18.1	3.58	19.8
FUNK 0125X	75	0.9	0.0	48.0	743	21.2	4.20	19.8
FUNK 0126X	71	0.0	0.0	48.0	729	20.4	4.85	23.8
FUNK G4067	77	0.0	0.0	48.0	658	26.2	5.37	20.5
JACQUES MBX013	75	1.9	0.0	48.0	697	21.0	5.72	27.2
NORTHRUP KING N0565	79	0.0	0.0	48.0	653	26.4	5.13	19.5
NORTHRUP KING PX9028	81	0.0	0.0	47.6	702	26.8	4.58	17.1
PAYCO 1826	77	0.0	0.0	48.0	681	26.9	6.16	22.9
PICKSEED 2435	76	0.0	0.0	48.0	713	21.5	4.64	21.6
PICKSEED 2444	79	0.9	0.0	48.0	686	26.8	5.14	19.2
PICKSEED 2477	75	0.0	0.0	47.1	719	26.7	5.40	20.2
PICKSEED 2488	73	1.9	0.0	48.0	693	20.5	5.25	25.7
PICKSEED 2600	78	0.0	0.0	48.0	689	28.8	5.93	20.6
PIONEER 3929	79	0.0	0.0	48.0	694	30.7	5.37	17.5
PIONEER 3953	77	0.0	0.0	48.0	663	28.3	5.71	20.2
PIONEER 3954	76	0.0	0.0	48.0	693	25.7	5.65	22.0
PIONEER 3969	76	0.0	0.0	48.0	717	24.1	5.85	24.2
PRIDE 1111	78	0.0	0.0	48.0	694	29.0	5.67	19.5
PRIDE 7-8507	77	0.9	0.0	48.0	718	24.7	4.79	19.4
PRIDE K020	71	0.9	0.0	48.0	761	17.6	4.02	22.8
PRIDE K030	74	0.0	0.0	48.0	685	23.3	5.58	24.0
THOMPSON HL 3282	78	0.0	0.0	48.0	673	27.8	5.37	19.3
MEAN	75	0.5	0.0	48.0	706	24.1	5.05	21.0
C.V.						2.4	9.84	
LSD						0.9	0.80	

Manitoba Grain Corn Test #2 Brandon -1990-

Date seeded: May 10, 1990
Date harvested: October 4, 1990 Plot size: 5.0m x 1.5m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	77	0.0	0.0	48.0	709	23.4	4.54	19.4
PIONEER 3979	76	0.0	0.0	48.0	676	23.2	5.97	25.7
PIONEER 3995	70	0.0	0.0	48.0	719	22.0	4.56	20.7
PRIDE K730	79	0.9	0.0	48.0	729	23.1	4.66	20.2
THOMPSON LG3	74	0.0	0.0	48.0	712	24.0	5.26	21.9
MEANS OF CHECKS	75	0.2	0.0	48.0	709	23.1	5.00	21.6
CARGILL PR-806	77	0.9	0.0	48.0	703	24.5	5.41	22.0
CARGILL PR-807	76	0.9	0.0	48.0	689	25.6	5.52	21.5
CARGILL PR-906	78	0.0	0.0	48.0	704	29.6	5.36	18.1
DEKALB C0756	75	2.8	0.0	48.0	727	21.5	5.14	23.9
DEKALB C0765	74	0.0	0.0	48.0	714	24.2	5.81	24.0
FUNK PAG 0095X	78	0.0	0.0	48.0	697	26.2	5.84	22.3
FUNK PAG 4703	77	0.0	0.0	48.0	674	24.7	5.16	20.9
FUNK PAG 4711	76	0.0	0.0	48.0	717	23.8	5.55	23.3
FUNK PAG 4786	75	0.0	0.0	48.0	736	20.3	5.63	27.8
FUNK PAG 5408	72	0.0	0.0	48.0	749	22.9	5.77	25.2
FUNK PAG 5428	78	0.0	0.0	48.0	678	31.3	5.30	16.9
FUNK PAG 5430	72	0.9	0.0	48.0	742	23.7	4.83	20.3
PICKSEED 52-207	76	0.0	0.0	48.0	762	19.1	3.80	19.9
PICKSEED 72-14	74	0.0	0.0	48.0	707	22.3	5.03	22.5
PICKSEED 72-18	78	0.0	0.0	48.0	682	27.5	5.28	19.2
PICKSEED 72-7	76	0.0	0.0	48.0	680	27.9	5.62	20.1
PICKSEED 72-75	80	0.0	0.0	48.0	686	30.3	4.25	14.0
PICKSEED 82-203	77	0.0	0.0	48.0	763	20.2	3.71	18.4
PICKSEED 89-1001	78	0.0	0.0	48.0	672	27.0	6.22	23.0
PIONEER 138730	76	0.0	0.0	48.0	692	25.2	5.23	20.7
PIONEER 138745	75	0.9	0.0	48.0	724	23.3	5.43	23.3
PIONEER 165780	76	0.9	0.0	48.0	703	30.2	5.22	17.3
PIONEER 165781	76	0.0	0.0	48.0	711	27.7	5.62	20.3
PIONEER 167034	76	1.9	0.0	48.0	700	28.8	6.11	21.2
PIONEER X9C11	75	0.0	0.0	48.0	709	27.6	6.32	22.9
PIONEER XCPC78	75	0.0	0.0	48.0	689	26.5	6.00	22.6
PIONEER YC012	75	0.0	0.0	48.0	704	28.0	6.11	21.9
U.CO-OP 2325	81	0.0	0.0	46.7	705	25.4	4.77	18.8
U.CO-OP 2350	78	0.0	0.0	48.0	737	22.4	4.50	20.1
U.CO-OP 6312	79	0.0	0.0	48.0	699	25.9	5.04	19.4
U.CO-OP OX783	76	0.0	0.0	48.0	721	24.8	5.64	22.7
MEAN	76	0.3	0.0	48.0	709	25.1	5.28	21.0
C.V.						3.0	10.30	
LSD						1.2	0.87	

Manitoba Grain Corn Test #3 Brandon -1990-

Date seeded: May 10, 1990
Date harvested: October 4, 1990

Plot size: 5.0m x 1.5m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	77	0.9	0.0	48.0	706	23.3	4.92	21.1
PIONEER 3979	76	0.0	0.0	48.0	703	23.2	5.78	24.9
PIONEER 3995	71	0.0	0.0	48.0	734	22.2	5.16	23.3
PRIDE K730	79	0.0	0.0	48.0	719	23.5	4.70	20.0
THOMPSON LG3	73	0.0	0.0	48.0	714	22.9	5.16	22.5
MEANS OF CHECKS	75	0.2	0.0	48.0	715	23.0	5.14	22.3
LETHBRIDGE LX181	69	0.0	0.0	48.0	754	16.7	3.92	23.5
LETHBRIDGE LX189	72	0.0	0.0	48.0	761	17.9	4.59	25.6
LETHBRIDGE LX196	71	0.9	0.0	48.0	755	17.2	4.15	24.1
LETHBRIDGE LX203	71	1.9	0.0	48.0	746	18.5	4.31	23.3
LETHBRIDGE LX208	68	0.0	0.0	48.0	760	16.3	4.32	26.4
LETHBRIDGE LX210	68	0.9	0.0	48.0	708	17.8	3.52	19.7
MBX870106	72	0.0	0.0	48.0	709	23.1	5.17	22.4
NORTHRUP KING C010	77	0.0	0.0	48.0	698	27.6	5.78	20.9
NORTHRUP KING C020	77	0.0	0.0	48.0	707	26.0	6.02	23.2
OTTAWA OX948	77	0.9	0.0	48.0	649	28.8	5.61	19.5
OTTAWA OX949	76	0.9	0.0	48.0	712	21.1	4.03	19.1
OTTAWA OX950	78	0.0	0.0	48.0	706	27.9	5.71	20.5
OTTAWA OX951	72	0.0	0.0	48.0	718	22.3	4.31	19.3
OTTAWA OX952	73	0.0	0.0	48.0	737	20.2	4.38	21.7
PAYCO 6107	76	0.0	0.0	48.0	690	26.8	6.44	24.0
PRIDE 9-2655	74	0.0	0.0	48.0	712	23.6	5.61	23.7
PRIDE 9-2660	75	0.9	0.0	48.0	732	22.5	5.90	26.2
SUN VALLEY SV7	76	0.0	0.0	48.0	728	25.3	5.83	23.1
SUN VALLEY SV8	79	0.0	0.0	44.9	663	28.7	5.57	19.4
THOMPSON HL 8801	78	0.0	0.0	48.0	742	22.2	4.05	18.3
THOMPSON HL 8802	78	0.0	0.0	48.0	726	23.0	5.76	25.1
THOMPSON HL 901	77	0.9	0.0	48.0	708	24.2	5.02	20.8
THOMPSON HL 902	75	0.9	0.0	48.0	741	22.7	4.80	21.1
UofM C87-7	76	0.9	0.0	48.0	721	22.0	4.98	22.6
UofM C88-1	76	0.0	0.0	48.0	706	20.5	5.07	24.7
UofM C88-12	76	0.9	0.0	48.0	745	19.8	4.71	23.8
UofM C88-28	77	0.0	0.0	48.0	702	23.3	5.25	22.6
UofM C88-29	77	0.0	0.0	48.0	719	23.2	5.04	21.7
UofM C88-30	79	0.0	0.0	48.0	668	26.7	5.75	21.5
UofM C89-1	74	0.9	0.0	48.0	673	23.3	5.27	22.6
UofM C89-2	74	0.0	0.0	48.0	720	21.1	4.57	21.7
MEAN	75	0.3	0.0	48.0	716	22.6	5.03	22.2
C.V.						2.7	9.42	
LSD						1.0	0.76	

Manitoba Grain Corn Test #1 Graysville -1990-

Date seeded: May 10, 1990
Date harvested: Plot size: 9.1m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	76	0.0	0.0	51.3	730	22.2	5.74	25.9
PIONEER 3979	78	0.0	0.0	51.3	702	21.9	5.31	24.3
PIONEER 3995	74	0.0	0.0	51.3	708	22.2	5.47	24.7
PRIDE K730	79	2.3	0.0	42.5	749	22.7	4.79	21.1
THOMPSON LG3	76	0.0	0.0	39.6	645	25.3	4.41	17.4
MEANS OF CHECKS	76	0.5	0.0	47.2	707	22.8	5.15	22.5
CARGILL 150	73	0.0	1.9	51.3	720	18.6	4.57	24.5
CARGILL 810324	72	5.7	0.0	51.3	710	20.4	5.40	26.5
CARGILL 85307	80	2.9	0.0	47.4	706	20.5	4.34	21.1
CARGILL MBX010	77	0.0	0.0	51.3	690	21.8	4.97	22.8
DEKALB DK233	76	0.0	0.0	49.8	740	23.1	5.14	22.2
DEKALB DK235	81	0.0	0.0	51.3	683	22.1	5.64	25.5
DEKALB DK246	81	0.0	0.0	51.3	698	19.5	4.49	23.0
FUNK 0122X	77	0.0	0.0	47.9	696	23.0	5.23	22.7
FUNK 0123X	76	0.0	0.0	51.3	677	18.7	4.97	26.6
FUNK 0124X	72	0.0	0.0	51.3	692	16.5	5.14	31.1
FUNK 0125X	80	0.0	0.0	51.3	719	20.1	5.31	26.5
FUNK 0126X	75	0.0	0.0	50.3	728	20.9	4.80	23.0
FUNK G4067	81	0.0	0.0	51.3	676	24.6	4.83	19.7
JACQUES MBX013	77	0.0	0.0	51.3	671	21.4	5.41	25.3
NORTHRUP KING N0565	80	0.0	0.0	51.3	693	20.6	5.22	25.4
NORTHRUP KING PX9028	80	0.0	0.0	48.9	729	23.4	4.49	19.2
PAYCO 1826	80	0.0	0.0	51.3	668	26.9	5.21	19.3
PICKSEED 2435	76	2.9	0.0	51.3	720	20.3	5.06	24.9
PICKSEED 2444	81	0.0	0.0	46.9	683	24.6	4.64	18.9
PICKSEED 2477	78	0.0	0.0	49.4	713	25.1	4.62	18.4
PICKSEED 2488	76	0.0	0.0	51.3	697	21.5	5.05	23.5
PICKSEED 2600	81	0.0	0.0	51.3	668	26.9	5.15	19.2
PIONEER 3929	83	0.0	1.9	51.3	668	29.8	4.12	13.8
PIONEER 3953	80	0.0	0.0	51.3	660	22.6	5.37	23.8
PIONEER 3954	80	0.0	0.0	51.3	708	25.5	5.68	22.3
PIONEER 3969	81	0.0	0.0	51.3	681	24.7	5.74	23.3
PRIDE 1111	76	0.0	0.0	51.3	677	24.0	5.46	22.8
PRIDE 7-8507	77	0.0	0.0	51.3	706	23.5	5.31	22.5
PRIDE K020	75	0.0	0.0	51.3	711	17.3	4.77	27.5
PRIDE K030	76	0.0	0.0	51.3	715	24.6	5.34	21.7
THOMPSON HL 3282	80	0.0	0.0	51.3	688	24.3	5.29	21.7
MEAN	78	0.4	0.1	51.3	698	22.5	5.08	22.6
C.V.						8.1	8.42	
LSD						2.9	0.68	

Manitoba Grain Corn Test #2 Graysville -1990-

Date seeded: May 10, 1990
Date harvested:

Plot size: 9.1m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	77	0.0	0.0	50.3	686	25.1	5.89	23.5
PIONEER 3979	75	0.0	0.0	51.3	677	25.5	5.93	23.2
PIONEER 3995	72	0.0	0.0	51.3	710	22.7	5.59	24.6
PRIDE K730	77	0.0	0.0	44.5	704	23.6	4.63	19.6
THOMPSON LG3	76	0.0	0.0	45.5	685	26.9	4.42	16.4
MEANS OF CHECKS	75	0.0	0.0	48.6	692	24.8	5.29	21.4
CARGILL PR-806	79	0.0	0.0	51.3	671	24.2	5.86	24.2
CARGILL PR-807	80	0.0	0.0	51.3	687	26.7	6.16	23.0
CARGILL PR-906	78	0.0	0.0	51.3	678	29.7	5.30	17.9
DEKALB C0756	76	2.9	0.0	51.3	723	24.0	5.43	22.6
DEKALB C0765	75	0.0	0.0	51.3	688	24.5	6.16	25.1
FUNK PAG 0095X	82	0.0	0.0	51.3	673	25.7	4.93	19.2
FUNK PAG 4703	76	0.0	0.0	49.4	639	26.1	4.91	18.8
FUNK PAG 4711	77	0.0	0.0	51.3	690	25.5	6.01	23.6
FUNK PAG 4786	78	0.0	0.0	50.3	715	24.0	6.02	25.1
FUNK PAG 5408	75	0.0	0.0	51.3	712	26.0	5.79	22.3
FUNK PAG 5428	80	0.0	0.0	51.3	645	30.6	5.70	18.6
FUNK PAG 5430	77	0.0	0.0	51.3	720	26.5	5.06	19.1
PICKSEED 52-207	80	0.0	0.0	51.3	709	20.7	5.89	28.5
PICKSEED 72-14	75	0.0	0.0	51.3	704	21.3	5.50	25.8
PICKSEED 72-18	78	0.0	0.0	38.1	671	28.0	5.01	17.9
PICKSEED 72-7	76	0.0	0.0	51.3	675	27.7	5.41	19.5
PICKSEED 72-75	82	0.0	0.0	47.4	677	30.4	4.39	14.4
PICKSEED 82-203	80	0.0	0.0	51.3	718	22.3	6.03	27.0
PICKSEED 89-1001	80	0.0	0.0	51.3	655	28.7	5.61	19.6
PIONEER 138730	80	0.0	0.0	51.3	652	23.8	6.18	25.9
PIONEER 138745	76	0.0	0.0	51.3	721	23.9	5.76	24.1
PIONEER 165780	79	0.0	0.0	50.3	665	30.7	5.25	17.1
PIONEER 165781	76	0.0	0.0	51.3	693	28.7	5.92	20.6
PIONEER 167034	80	0.0	0.0	51.3	685	28.8	5.61	19.5
PIONEER X9C11	76	0.0	0.0	51.3	704	25.2	6.21	24.6
PIONEER XCPC78	76	0.0	0.0	51.3	652	28.1	5.60	19.9
PIONEER YC012	79	0.0	0.0	51.3	672	29.7	6.08	20.5
U.CO-OP 2325	81	0.0	0.0	39.1	666	27.6	4.28	15.5
U.CO-OP 2350	79	0.0	0.0	51.3	730	24.5	5.90	24.1
U.CO-OP 6312	78	4.8	0.0	51.3	706	25.1	6.08	24.3
U.CO-OP OX783	78	0.0	0.0	51.3	695	25.9	5.94	22.9
MEAN	78	0.2	0.0	51.3	688	26.0	5.57	21.4
C.V.						5.6	7.62	
LSD						2.3	0.68	

Manitoba Grain Corn Test #3 Graysville -1990-

Date seeded: May 10, 1990
Date harvested:

Plot size: 9.1m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	76	0.0	0.0	49.4	719	23.4	5.38	23.0
PIONEER 3979	79	0.0	0.0	51.3	679	25.3	5.80	22.9
PIONEER 3995	72	0.0	0.0	51.3	730	22.9	5.24	22.9
PRIDE K730	79	0.0	0.0	43.5	696	26.2	5.20	19.9
THOMPSON LG3	75	0.0	0.0	45.9	687	25.0	5.46	21.8
MEANS OF CHECKS	76	0.0	0.0	48.3	702	24.6	5.42	22.0
LETHBRIDGE LX181	72	0.0	0.0	51.3	722	22.2	5.52	24.9
LETHBRIDGE LX189	76	0.0	0.0	48.9	725	20.6	5.27	25.6
LETHBRIDGE LX196	75	0.0	0.0	48.9	714	21.0	5.18	24.7
LETHBRIDGE LX203	78	0.0	0.0	51.3	699	22.4	5.70	25.4
LETHBRIDGE LX208	73	0.0	0.0	51.3	676	18.2	5.28	29.0
LETHBRIDGE LX210	72	0.0	0.0	51.3	710	21.2	4.97	23.4
MBX870106	77	0.0	0.0	49.8	693	26.9	5.26	19.6
NORTHRUP KING C010	77	0.0	0.0	51.3	685	27.7	5.91	21.4
NORTHRUP KING C020	78	0.0	0.0	51.3	684	26.8	6.12	22.9
OTTAWA OX948	80	0.0	0.0	40.3	649	31.1	4.64	14.9
OTTAWA OX949	76	0.0	0.0	39.6	686	24.0	5.13	21.3
OTTAWA OX950	79	0.0	0.0	51.3	684	28.2	5.48	19.4
OTTAWA OX951	73	0.0	0.0	51.3	707	24.0	4.98	20.8
OTTAWA OX952	75	0.0	0.0	51.3	707	23.2	5.96	25.7
PAYCO 6107	80	0.0	0.0	51.3	665	28.5	5.25	18.4
PRIDE 9-2655	77	0.0	0.0	51.3	704	26.7	5.88	22.0
PRIDE 9-2660	75	0.0	0.0	51.3	691	24.7	5.59	22.6
SUN VALLEY SV7	80	0.0	0.0	51.3	692	27.9	5.57	20.0
SUN VALLEY SV8	80	0.0	0.0	51.3	661	30.2	5.73	19.0
THOMPSON HL 8801	78	0.0	0.0	51.3	735	23.6	5.49	23.3
THOMPSON HL 8802	78	0.0	0.0	51.3	723	25.1	5.82	23.2
THOMPSON HL 901	79	0.0	0.0	51.3	734	25.3	5.44	21.5
THOMPSON HL 902	76	0.0	0.0	51.3	716	25.8	4.90	19.0
UofM C87-7	76	0.0	0.0	51.3	680	24.2	5.78	23.9
UofM C88-1	78	0.0	0.0	51.3	705	25.1	5.64	22.5
UofM C88-12	80	0.0	0.0	51.3	723	22.6	5.49	24.3
UofM C88-28	79	0.0	0.0	51.3	686	23.5	5.83	24.9
UofM C88-29	78	0.0	0.0	51.3	702	22.3	5.54	24.9
UofM C88-30	78	0.0	0.0	51.3	681	24.3	5.89	24.3
UofM C89-1	76	0.0	0.0	51.3	691	25.5	6.08	23.8
UofM C89-2	76	2.9	0.0	51.3	723	23.5	5.79	24.6
MEAN	77	0.1	0.0	51.3	700	24.5	5.51	22.5
C.V.						5.5	8.44	
LSD						2.2	0.74	

Manitoba Grain Corn Test #1 Morden -1990-

Date seeded: May 14, 1990
Date harvested: October 4, 1990

Plot size: 8.0m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	72	1.1	0.0	49.4	785	16.7	4.18	25.0
PIONEER 3979	71	0.0	0.0	48.9	705	18.0	5.27	29.3
PIONEER 3995	67	4.1	0.0	53.3	771	15.1	4.66	30.8
PRIDE K730	73	5.2	0.0	51.7	775	16.7	3.95	23.7
THOMPSON LG3	71	1.1	0.0	48.9	746	20.1	4.53	22.6
MEANS OF CHECKS	71	2.3	0.0	50.4	756	17.3	4.52	26.1
CARGILL 150	66	0.0	0.0	43.9	784	16.3	4.23	26.0
CARGILL 810324	68	1.1	0.0	50.6	767	15.0	4.52	30.1
CARGILL 85307	72	3.4	0.0	50.0	751	15.8	4.15	26.2
CARGILL MBX010	69	10.8	0.0	50.0	795	14.1	3.64	25.8
DEKALB DK233	70	3.3	0.0	47.2	789	17.9	4.42	24.7
DEKALB DK235	74	1.1	0.0	52.2	762	18.3	4.61	25.2
DEKALB DK246	73	0.0	0.0	47.8	761	16.1	4.41	27.4
FUNK 0122X	71	0.0	0.0	43.3	747	17.5	4.69	26.8
FUNK 0123X	70	1.1	0.0	48.3	753	16.1	5.03	31.3
FUNK 0124X	66	0.0	0.0	46.1	758	14.4	4.40	30.6
FUNK 0125X	71	5.6	0.0	51.7	781	15.4	3.98	25.8
FUNK 0126X	68	0.0	0.0	51.1	785	15.0	4.38	29.1
FUNK G4067	73	2.2	0.0	51.1	697	19.3	4.89	25.4
JACQUES MBX013	70	1.2	0.0	48.9	724	16.0	4.93	30.9
NORTHRUP KING N0565	73	1.2	0.0	52.2	756	16.8	4.64	27.6
NORTHRUP KING PX9028	74	1.0	0.0	51.7	760	18.0	3.89	21.6
PAYCO 1826	74	0.0	0.0	50.0	715	21.5	4.79	22.3
PICKSEED 2435	72	2.2	0.0	50.0	788	15.8	3.89	24.6
PICKSEED 2444	73	0.0	0.0	49.4	701	24.3	5.56	22.9
PICKSEED 2477	73	0.0	0.0	48.3	743	23.5	4.58	19.5
PICKSEED 2488	69	1.1	0.0	51.7	735	15.7	4.66	29.6
PICKSEED 2600	76	0.0	0.0	47.8	692	26.8	5.88	21.9
PIONEER 3929	75	2.2	0.0	51.1	707	26.7	4.78	17.9
PIONEER 3953	74	1.1	0.0	52.2	710	21.3	5.47	25.7
PIONEER 3954	73	0.0	0.0	49.5	718	20.9	5.51	26.4
PIONEER 3969	73	0.0	0.0	50.0	753	18.1	5.29	29.1
PRIDE 1111	75	4.5	0.0	50.6	712	22.0	5.12	23.3
PRIDE 7-8507	71	0.0	0.0	48.3	761	18.0	5.06	28.1
PRIDE K020	69	0.0	0.0	45.0	793	13.5	4.10	30.3
PRIDE K030	70	1.1	0.0	50.0	771	17.5	5.05	28.8
THOMPSON HL 3282	74	1.2	0.0	45.0	722	19.9	4.68	23.6
MEAN	72	1.6	0.0	45.0	749	18.2	4.67	25.6
C.V.						6.0	12.92	
LSD						1.8	0.97	

Manitoba Grain Corn Test #2 Morden -1990-

Date seeded: May 14, 1990
Date harvested: October 4, 1990

Plot size: 8.0m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	75	0.0	0.0	51.1	761	17.7	4.39	24.8
PIONEER 3979	73	0.0	0.0	50.6	724	17.5	5.25	30.0
PIONEER 3995	68	0.0	0.0	50.6	759	15.2	4.52	29.7
PRIDE K730	74	1.0	0.0	52.2	791	16.2	4.10	25.3
THOMPSON LG3	72	0.0	0.0	51.7	743	21.0	4.39	20.9
MEANS OF CHECKS	72	0.2	0.0	51.2	756	17.5	4.53	25.8
CARGILL PR-806	74	2.2	0.0	50.0	739	20.4	4.66	22.9
CARGILL PR-807	74	1.1	0.0	50.6	738	24.0	5.33	22.2
CARGILL PR-906	75	2.2	0.0	52.8	730	28.1	4.54	16.1
DEKALB C0756	72	6.4	0.0	52.8	770	17.3	4.65	26.9
DEKALB C0765	72	1.7	0.0	50.8	748	19.1	5.39	28.2
FUNK PAG 0095X	76	0.0	0.0	51.7	719	24.3	4.75	19.5
FUNK PAG 4703	73	0.0	0.0	50.6	723	20.8	4.94	23.7
FUNK PAG 4711	75	0.0	0.0	52.2	747	19.5	4.32	22.2
FUNK PAG 4786	73	0.0	0.0	50.6	763	17.9	4.88	27.3
FUNK PAG 5408	70	0.0	0.0	49.5	788	16.3	4.29	26.3
FUNK PAG 5428	74	1.1	0.0	47.2	689	25.0	5.80	23.2
FUNK PAG 5430	72	0.0	0.0	50.0	774	20.5	4.37	21.4
PICKSEED 52-207	73	1.0	0.0	54.5	792	14.4	3.74	26.0
PICKSEED 72-14	72	0.0	0.0	51.7	759	16.0	4.57	28.5
PICKSEED 72-18	74	0.0	0.0	49.2	719	24.4	4.18	17.1
PICKSEED 72-7	73	3.3	0.0	50.0	694	23.2	4.84	20.8
PICKSEED 72-75	74	0.0	0.0	54.4	713	23.3	5.59	24.0
PICKSEED 82-203	75	0.0	0.0	51.1	781	17.6	4.19	23.9
PICKSEED 89-1001	75	0.0	0.0	52.2	696	23.3	5.36	23.0
PIONEER 138730	74	0.0	0.0	48.3	708	19.3	5.14	26.7
PIONEER 138745	71	0.0	0.0	49.4	770	16.6	4.17	25.2
PIONEER 165780	74	0.0	0.0	51.7	722	25.4	4.40	17.3
PIONEER 165781	71	1.1	0.0	52.8	738	21.3	4.51	21.2
PIONEER 167034	74	0.0	0.0	51.1	717	23.2	5.06	21.8
PIONEER X9C11	73	0.0	0.0	51.7	750	18.4	5.54	30.1
PIONEER XCPC78	74	0.0	0.0	49.4	720	21.0	4.98	23.7
PIONEER YC012	74	0.0	0.0	51.7	724	21.6	6.15	28.5
U.CO-OP 2325	75	1.2	0.0	46.7	746	17.3	4.77	27.6
U.CO-OP 2350	75	0.0	0.0	51.1	788	16.1	5.12	31.7
U.CO-OP 6312	75	1.0	0.0	52.2	749	18.0	4.20	23.3
U.CO-OP OX783	74	2.2	0.0	51.1	734	20.4	4.55	22.3
MEAN	73	0.7	0.0	51.1	743	20.0	4.77	23.8
C.V.						10.4	14.35	
LSD						3.3	1.09	

Manitoba Grain Corn Test #3 Morden -1990-

Date seeded: May 14, 1990
Date harvested: October 4, 1990 Plot size: 8.0m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	DENS KG/M3	MOIST %	YIELD T/HA (dry)	Y/M INDEX
FUNK G4017	75	4.3	0.0	51.1	761	17.9	5.30	29.5
PIONEER 3979	74	1.1	0.0	52.2	714	19.8	5.43	27.4
PIONEER 3995	71	5.4	0.0	51.7	765	17.7	4.50	25.4
PRIDE K730	76	1.1	0.0	50.0	786	16.9	4.86	28.7
THOMPSON LG3	74	3.4	0.0	50.0	733	22.3	4.61	20.7
MEANS OF CHECKS	74	3.1	0.0	51.0	752	18.9	4.94	26.1
LETHBRIDGE LX181	71	1.1	0.0	51.1	765	15.3	4.15	27.2
LETHBRIDGE LX189	72	0.0	0.0	51.1	784	15.3	4.17	27.3
LETHBRIDGE LX196	72	1.1	0.0	50.0	785	16.4	4.39	26.8
LETHBRIDGE LX203	71	1.1	0.0	48.3	773	15.7	4.01	25.6
LETHBRIDGE LX208	71	3.3	0.0	52.2	775	15.1	4.82	31.9
LETHBRIDGE LX210	69	0.0	0.0	51.1	793	14.8	4.12	27.8
MBX870106	73	2.2	0.0	51.1	734	20.7	3.93	19.0
NORTHRUP KING C010	74	2.2	0.0	51.1	699	25.0	5.67	22.7
NORTHRUP KING C020	75	1.1	0.0	51.7	707	23.6	6.27	26.6
OTTAWA OX948	75	2.4	0.0	46.1	682	28.9	4.84	16.8
OTTAWA OX949	75	1.5	0.0	39.4	762	18.1	4.02	22.2
OTTAWA OX950	75	3.2	0.0	51.1	722	22.3	4.93	22.1
OTTAWA OX951	73	1.1	0.0	51.1	738	20.3	5.12	25.2
OTTAWA OX952	73	2.2	0.0	51.7	753	18.1	4.62	25.5
PAYCO 6107	74	0.0	0.0	52.8	695	25.9	6.36	24.6
PRIDE 9-2655	74	0.0	0.0	51.1	758	20.2	4.53	22.4
PRIDE 9-2660	74	1.1	0.0	51.7	759	19.3	4.99	25.9
SUN VALLEY SV7	75	1.1	0.0	50.6	715	25.7	5.92	23.0
SUN VALLEY SV8	75	3.2	0.0	51.7	694	22.5	5.47	24.3
THOMPSON HL 8801	77	0.0	0.0	52.8	756	19.0	4.61	24.3
THOMPSON HL 8802	75	0.0	0.0	50.6	743	20.0	4.93	24.6
THOMPSON HL 901	76	0.0	0.0	52.2	757	21.1	4.78	22.7
THOMPSON HL 902	74	0.0	0.0	52.2	760	19.9	4.60	23.1
UofM C87-7	74	3.1	0.0	53.9	745	17.6	4.45	25.3
UofM C88-1	76	1.0	0.0	55.0	744	17.1	5.13	30.0
UofM C88-12	74	5.3	0.0	52.8	775	16.8	4.56	27.1
UofM C88-28	74	0.0	0.0	52.2	730	17.5	5.26	30.1
UofM C88-29	74	1.0	0.0	50.0	759	18.5	5.14	27.8
UofM C88-30	75	0.0	0.0	52.5	728	18.7	4.76	25.4
UofM C89-1	74	2.2	0.0	52.2	743	18.8	4.80	25.6
UofM C89-2	75	2.2	0.0	51.7	752	19.5	4.59	23.5
MEAN	74	1.6	0.0	51.7	746	19.5	4.85	24.9
C.V.						1.1	11.82	
LSD						0.3	0.92	

MCC Silage Corn Trials -1990-

Mean of 2 sites: Brandon, Morden

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
CARGILL 1927	80	0.0	-99.0	51.4	62.1	12.4	19.9
CARGILL 2037	80	0.0	-99.0	51.4	65.3	12.4	18.9
CARGILL SX108	80	0.0	-99.0	51.2	63.1	11.5	18.3
DEKALB DK233	71	0.0	-99.0	51.4	57.0	8.8	15.4
DEKALB DK235	73	2.0	-99.0	49.3	60.6	11.8	19.4
DEKALB DK246	73	0.0	-99.0	51.4	54.7	9.8	17.9
DEKALB DK331	78	0.0	-99.0	51.7	62.5	12.9	20.6
DEKALB T778	77	1.1	-99.0	46.6	58.4	12.1	20.7
DEKALB XL6	76	0.0	-99.0	51.1	63.2	11.4	18.0
FUNK G4018	80	0.0	-99.0	51.2	67.2	13.5	20.1
FUNK G4066	74	0.0	-99.0	51.1	60.8	12.1	20.0
NORTHRUP KING N0565	74	0.0	-99.0	51.2	56.3	12.0	21.2
NORTHRUP KING N1110	75	0.0	-99.0	52.0	62.2	12.6	20.3
NORTHRUP KING N2001	79	0.0	-99.0	51.4	64.7	13.6	21.1
NORTHRUP KING PX9028	75	1.1	-99.0	50.8	61.0	10.6	17.5
NORTHRUP KING PX9060	76	0.0	-99.0	51.7	61.6	12.2	19.9
PAYCO 1826	73	0.0	-99.0	52.0	54.9	10.6	19.4
PICKSEED 2600	76	0.0	-99.0	52.0	64.8	13.1	20.2
PICKSEED 2602	75	0.0	-99.0	45.8	62.0	10.8	17.5
PICKSEED 2606	76	0.0	-99.0	50.2	66.7	11.8	17.6
PIONEER 3851	76	0.0	-99.0	52.4	59.9	13.4	22.3
PIONEER 3902	75	0.0	-99.0	52.6	58.6	12.8	21.8
PIONEER 3921	76	0.0	-99.0	52.3	61.1	13.8	22.6
PIONEER 3929	74	0.0	-99.0	51.1	60.5	13.6	22.5
PIONEER 3953	74	0.0	-99.0	52.8	61.4	11.9	19.4
PIONEER 3954	72	0.0	-99.0	52.0	60.0	13.1	21.9
PIONEER 3957	75	0.0	-99.0	50.4	57.2	12.4	21.7
PIONEER 3969	72	0.0	-99.0	52.6	56.7	11.3	19.9
PIONEER 3979	73	0.0	-99.0	52.1	63.1	10.1	16.0
PRIDE 1111	75	0.0	-99.0	52.3	60.6	12.2	20.1
PRIDE K030	71	0.0	-99.0	51.2	60.1	9.6	15.9
PRIDE K1114	74	1.7	-99.0	50.2	59.9	11.3	18.8
PRIDE K1115	75	0.0	-99.0	49.6	62.1	10.2	16.4
PRIDE K148	74	0.0	-99.0	51.4	59.7	11.7	19.6
PRIDE K730	73	1.1	-99.0	50.9	59.6	9.4	15.8
THOMPSON HL 2260	77	1.0	-99.0	52.0	61.3	11.5	18.8
THOMPSON HL 2275	80	0.0	-99.0	52.0	64.0	14.3	22.3
THOMPSON HL 2428	78	1.1	-99.0	50.3	62.7	12.6	20.1
THOMPSON HL 3251	72	0.0	-99.0	51.4	58.3	10.8	18.5
THOMPSON HL 3282	73	0.0	-99.0	47.5	55.6	10.7	19.2
U.CO-OP 2325	76	0.0	-99.0	46.5	59.4	10.2	17.1
U.CO-OP 2350	72	1.1	-99.0	50.9	57.8	10.7	18.5
U.CO-OP 6312	74	0.0	-99.0	50.8	61.6	11.9	19.3
U.CO-OP OX783	72	0.0	-99.0	51.7	60.6	10.7	17.6
MEAN	75	0.2	-99.0	51.0	60.7	11.7	19.4

Manitoba Silage Corn Test Morden -1990-

Date seeded: May 15, 1990
Date harvested: September 12, 1990 Plot size: 8.0m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
CARGILL 1927	79	0.0	0.0	51.1	60.4	10.8	17.9
CARGILL 2037	80	0.0	0.0	51.7	63.9	10.3	16.1
CARGILL SX108	81	0.0	0.0	50.0	60.7	8.9	14.6
DEKALB DK233	72	0.0	0.0	51.1	55.0	7.9	14.5
DEKALB DK235	74	2.0	0.0	50.0	57.8	10.2	17.7
DEKALB DK246	75	0.0	0.0	51.1	53.4	8.5	15.8
DEKALB DK331	78	0.0	0.0	51.1	59.0	11.4	19.4
DEKALB T778	78	1.1	0.0	49.5	54.6	10.4	19.0
DEKALB XL6	76	0.0	0.0	51.1	60.8	9.6	15.7
FUNK G4018	80	0.0	0.0	50.0	65.9	11.2	16.9
FUNK G4066	74	0.0	0.0	51.1	59.2	10.8	18.3
NORTHRUP KING N0565	74	0.0	0.0	50.0	52.6	10.2	19.5
NORTHRUP KING N1110	75	0.0	0.0	51.7	59.3	11.5	19.4
NORTHRUP KING N2001	79	0.0	0.0	50.6	62.3	10.8	17.3
NORTHRUP KING PX9028	74	1.1	0.0	50.6	58.8	9.6	16.4
NORTHRUP KING PX9060	78	0.0	0.0	51.1	59.1	10.0	16.9
PAYCO 1826	73	0.0	0.0	51.7	51.8	9.1	17.6
PICKSEED 2600	76	0.0	0.0	51.7	64.1	11.6	18.1
PICKSEED 2602	76	0.0	0.0	49.4	59.5	10.8	18.1
PICKSEED 2606	78	0.0	0.0	51.1	67.9	10.0	14.8
PIONEER 3851	77	0.0	0.0	52.5	59.0	12.1	20.4
PIONEER 3902	75	0.0	0.0	52.8	56.3	10.8	19.2
PIONEER 3921	76	0.0	0.0	52.2	58.7	12.7	21.6
PIONEER 3929	75	0.0	0.0	50.6	58.5	12.2	20.9
PIONEER 3953	76	0.0	0.0	53.3	58.6	9.3	15.9
PIONEER 3954	73	0.0	0.0	51.7	57.0	11.0	19.3
PIONEER 3957	76	0.0	0.0	52.8	53.3	10.2	19.2
PIONEER 3969	73	0.0	0.0	52.8	52.1	9.4	18.1
PIONEER 3979	73	0.0	0.0	51.1	60.8	9.4	15.5
PRIDE 1111	76	0.0	0.0	52.2	59.2	10.7	18.1
PRIDE K030	72	0.0	0.0	50.0	58.8	7.6	12.9
PRIDE K1114	74	1.7	0.0	50.0	57.0	9.9	17.4
PRIDE K1115	75	0.0	0.0	50.6	60.1	8.4	14.0
PRIDE K148	74	0.0	0.0	50.6	56.0	10.2	18.2
PRIDE K730	74	1.1	0.0	49.5	56.2	8.6	15.2
THOMPSON HL 2260	78	1.0	0.0	51.7	57.7	10.0	17.3
THOMPSON HL 2275	79	0.0	0.0	51.7	61.3	13.2	21.5
THOMPSON HL 2428	78	1.1	0.0	49.4	62.2	10.4	16.8
THOMPSON HL 3251	73	0.0	0.0	50.6	56.6	8.8	15.6
THOMPSON HL 3282	73	0.0	0.0	50.0	50.8	9.4	18.5
U.CO-OP 2325	76	0.0	0.0	47.2	56.2	8.4	14.9
U.CO-OP 2350	72	1.1	0.0	50.0	55.6	9.4	17.0
U.CO-OP 6312	73	0.0	0.0	51.1	59.6	9.6	16.1
U.CO-OP OX783	73	0.0	0.0	51.1	59.5	9.1	15.3
MEAN	76	0.2	0.0	50.9	58.3	10.1	17.3
C.V.					6.1	13.4	
LSD					5.7	2.2	

Manitoba Silage Corn Test Brandon -1990-

Date seeeded: May 15, 1990
Date harvested: September 14, 1990 Plot size: 7.2m x 0.75m

VARIETY	DAYS 50% SILK	BROK STALK %	ROOT LODG %	POPN ,000 /HA	MOIST %	YIELD T/HA (dry)	Y/M INDEX
CARGILL 1927	81	0.0	0.0	52.7	66.1	14.9	22.6
CARGILL 2037	80	0.0	0.0	52.1	69.1	15.5	22.4
CARGILL SX108	79	0.0	0.0	53.3	67.9	15.4	22.6
DEKALB DK233	70	0.0	0.0	52.7	61.0	10.3	16.9
DEKALB DK235	73	0.0	0.0	49.5	65.7	14.3	21.7
DEKALB DK246	72	0.0	0.0	52.7	57.9	11.9	20.6
DEKALB DK331	79	0.0	0.0	53.3	68.3	15.3	22.4
DEKALB T778	76	0.0	0.0	44.4	64.5	14.8	22.9
DEKALB XL6	77	0.0	0.0	52.1	68.0	14.1	20.8
FUNK G4018	81	0.0	0.0	53.3	70.8	17.1	24.2
FUNK G4066	73	0.0	0.0	52.1	64.6	14.4	22.3
NORTHRUP KING N0565	74	0.0	0.0	53.3	62.4	14.7	23.6
NORTHRUP KING N1110	75	0.0	0.0	53.3	67.4	14.7	21.8
NORTHRUP KING N2001	79	0.0	0.0	53.3	69.4	17.9	25.7
NORTHRUP KING PX9028	76	0.0	0.0	52.1	65.3	12.4	19.0
NORTHRUP KING PX9060	75	0.0	0.0	53.3	66.4	15.6	23.5
PAYCO 1826	72	0.0	0.0	53.3	60.1	13.0	21.6
PICKSEED 2600	76	0.0	0.0	53.3	67.8	15.6	23.0
PICKSEED 2602	74	0.0	0.0	42.9	66.8	11.5	17.1
PICKSEED 2606	74	0.0	0.0	50.2	67.5	14.5	21.5
PIONEER 3851	75	0.0	0.0	53.3	62.9	15.6	24.8
PIONEER 3902	75	0.0	0.0	53.3	63.0	15.8	25.0
PIONEER 3921	75	0.0	0.0	53.3	65.8	15.9	24.1
PIONEER 3929	73	0.0	0.0	52.7	64.7	16.0	24.7
PIONEER 3953	72	0.0	0.0	53.3	66.5	15.6	23.5
PIONEER 3954	72	0.0	0.0	53.3	65.2	16.4	25.2
PIONEER 3957	75	0.0	0.0	48.9	63.5	15.7	24.8
PIONEER 3969	71	0.0	0.0	53.3	63.7	14.1	22.1
PIONEER 3979	71	0.0	0.0	53.3	65.8	15.8	24.0
PRIDE 1111	74	0.0	0.0	53.3	64.1	14.6	22.8
PRIDE K030	70	0.0	0.0	53.3	63.5	12.4	19.6
PRIDE K1114	73	0.0	0.0	51.4	65.1	13.5	20.7
PRIDE K1115	75	0.0	0.0	49.5	66.4	12.9	19.5
PRIDE K148	74	0.0	0.0	53.3	65.8	14.1	21.5
PRIDE K730	73	0.0	0.0	53.3	65.3	11.0	16.8
THOMPSON HL 2260	77	0.0	0.0	53.3	67.3	14.0	20.8
THOMPSON HL 2275	81	0.0	0.0	53.3	69.0	16.4	23.7
THOMPSON HL 2428	79	0.0	0.0	52.1	65.3	16.0	24.5
THOMPSON HL 3251	72	0.0	0.0	53.3	62.1	13.8	22.2
THOMPSON HL 3282	74	0.0	0.0	45.7	62.8	12.8	20.3
U.CO-OP 2325	76	0.0	0.0	46.7	64.8	12.9	19.8
U.CO-OP 2350	73	0.0	0.0	52.8	62.1	12.8	20.6
U.CO-OP 6312	75	0.0	0.0	51.4	65.8	15.3	23.3
U.CO-OP OX783	72	0.0	0.0	53.3	63.8	13.2	20.6
MEAN	75	0.0	0.0	52.0	65.3	14.4	22.1
C.V.					2.0	7.3	
LSD					2.1	1.7	